

**IN THE CLAIMS:**

Cancel Claims 1-43.

44. (Original) A manufacturing method for a plasma display panel comprising:
- a deactivating step for subjecting a first plate on a deactivating process that deactivates reducing action of metal ions on Ag ions;
  - an electrode arrangement step for arranging first electrodes that contain silver on a surface of the first plate; and
  - a placement step for
    - (a) placing the first plate and a second plate on whose surface second electrodes are arranged, with a space therebetween, so that the first electrodes and the second electrodes face each other, and
    - (b) enclosing a gas medium in the space between the first plate and the second plate.

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52. (Original) A manufacturing method for a substrate for use in a plasma display panel, comprising
- a deactivating step for subjecting a glass plate to a deactivating process for deactivating reducing action of metal ions on Ag ions.

53. (Original) The manufacturing method for a substrate for use in a plasma display panel of Claim 52,

wherein in the deactivating step, the glass plate is heated in an oxidizing gas atmosphere.

54. (Original) The manufacturing method for a substrate for use in a plasma display panel of Claim 53,

wherein in the deactivating step, a heating temperature is 500°C or higher.

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93. (New) A manufacturing method for a substrate for use in a plasma display panel, comprising

a deactivating step for subjecting a glass plate to a deactivating process for deactivating reducing action of metal ions on Ag ions,

wherein in the deactivating step, the glass plate is processed so that a total concentration of tin with less than four valence electrons, manganese with less than four valence electrons, iron with less than two valence electrons, and indium with less than two valence electrons that exist in a region of 5 $\mu$ m in depth from a surface of the substrate is 1000ppm or less.

94. (New) The manufacturing method for a substrate for use in a plasma display panel of Claim 93,

wherein in the deactivating step, the glass plate is heated in an oxidizing gas atmosphere.

95. (New) The manufacturing method for a substrate for use in a plasma display panel of Claim 94,

wherein in the deactivating step, a heating temperature is 500°C or higher.

96. (New) A manufacturing method for a substrate for use in a plasma display panel, comprising

a deactivating step for subjecting a glass plate to a deactivating process for deactivating reducing action of metal ions on Ag ions,

wherein in the deactivating step, a heating temperature is 500°C or higher and the glass plate is processed so that a total concentration of tin with less than four valence electrons, manganese with less than four valence electrons, iron with less than two valence electrons, and indium with less than two valence electrons that exist in a region of 5μm in depth from a surface of the substrate is 1000ppm or less.

97. (New) A plasma display panel comprising a first glass plate and a second glass plate that face each other with a space therebetween, the first glass plate having first electrodes containing silver on a facing surface thereof, the second glass plate having second electrodes on a facing surface thereof, the space being filled with a gas medium;

wherein the facing surface of the first glass plate has been deactivated so that a total concentration of tin with less than four valence electrons, manganese with less than four valence electrons, iron with less than two valence electrons, and indium with less than two valence electrons in a vicinity of the facing surface of the first glass plate is 1000ppm or less to minimize any undesirable coloring.

98. (New) A manufacturing method for a substrate in a plasma display panel, comprising

deactivating a sodium borosilicate glass plate by applying a temperature of 500°C or higher to the glass plate in an oxidizing gas atmosphere for a predetermined time period to deactivate the reducing action of metal ions in the glass plate on Ag ions;

applying electrode precursors with silver in a predetermined pattern to a surface of the deactivated glass plate; and

baking the electrode precursors to form silver electrodes whereby the growth of Ag colloids are reduced to prevent yellowing of the substrate.

99. (New) A manufacturing method for a substrate for use in a plasma display panel, comprising

a deactivating step for subjecting a glass plate to a deactivating process for deactivating reducing action of metal ions on Ag ions,

wherein in the deactivating step, the glass plate is heated at a temperature of 500°C or higher in an oxidizing gas atmosphere.